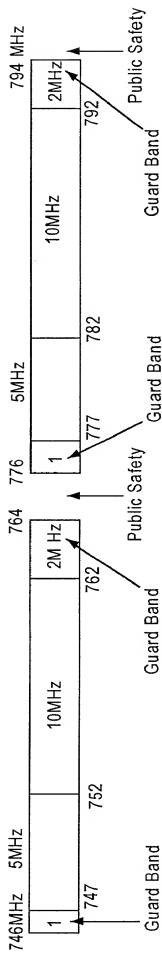


# 700 MHz Band Plan



## TV Channelization

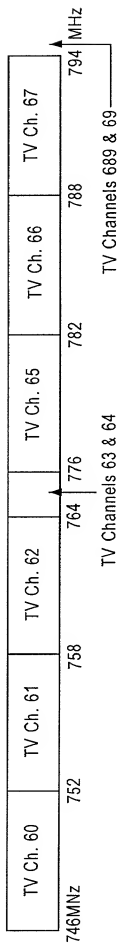


FIG. 1

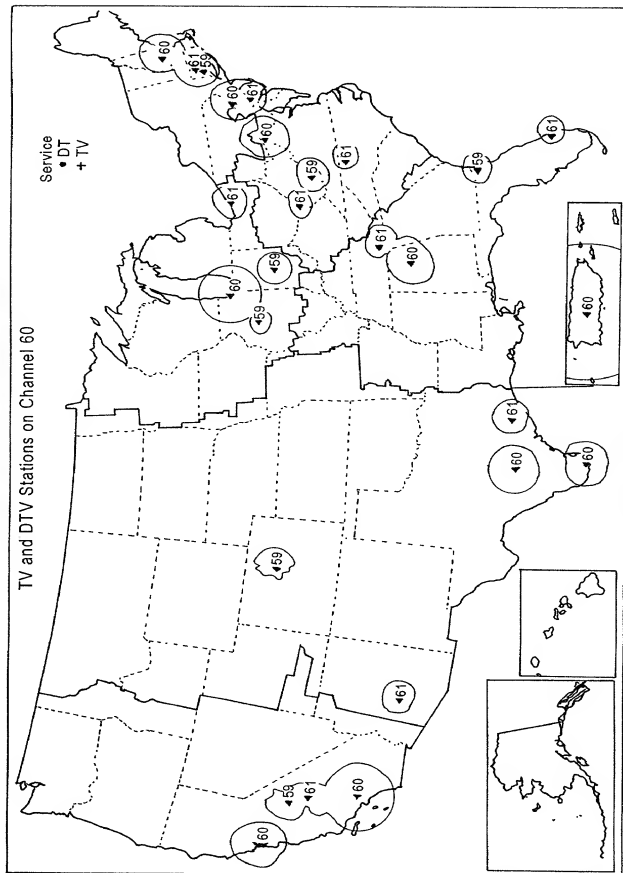


FIG. 2A



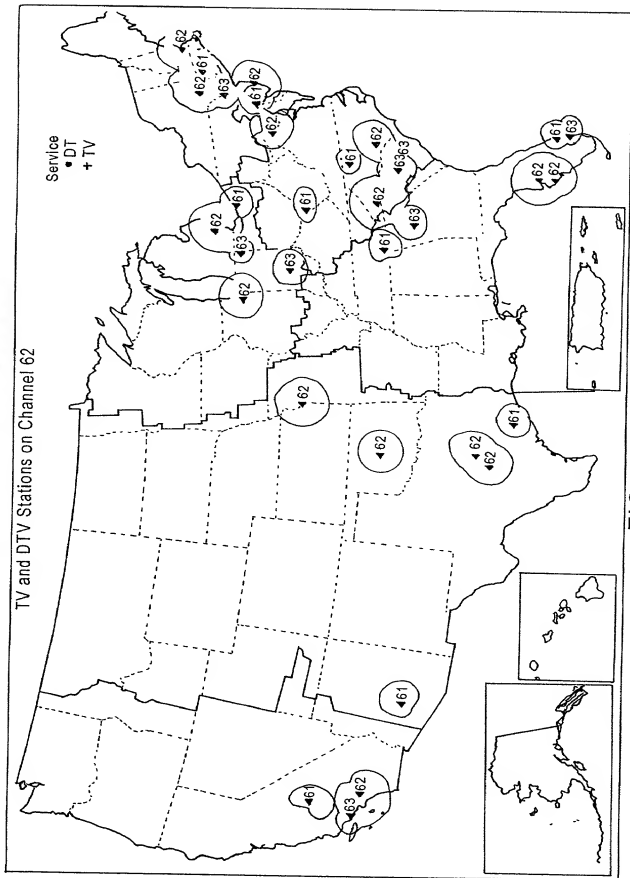
Service  
• DT  
+ TV

FIG. 2C

# TV and DTV Stations on Channel 63

Service  
 • DT  
 + TV

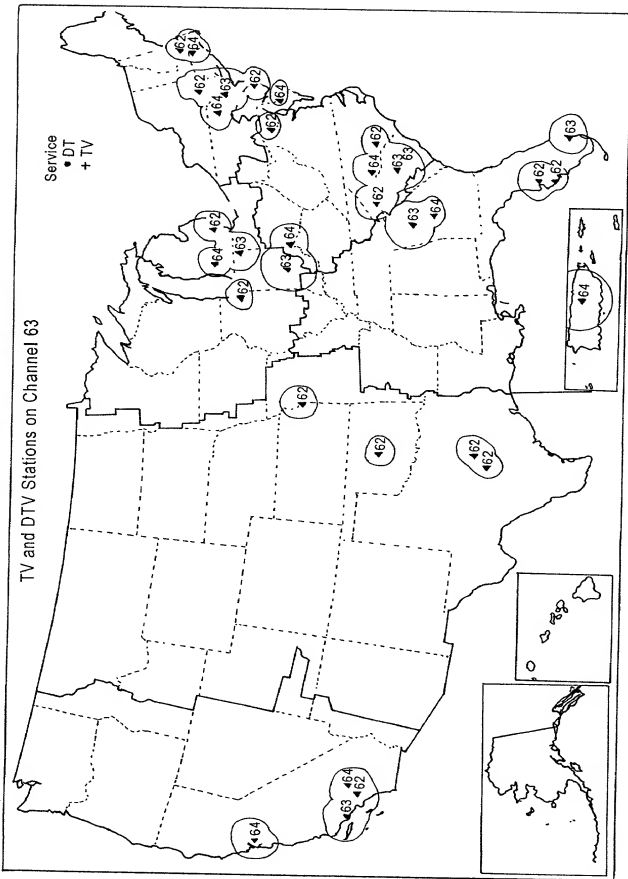


FIG. 2D



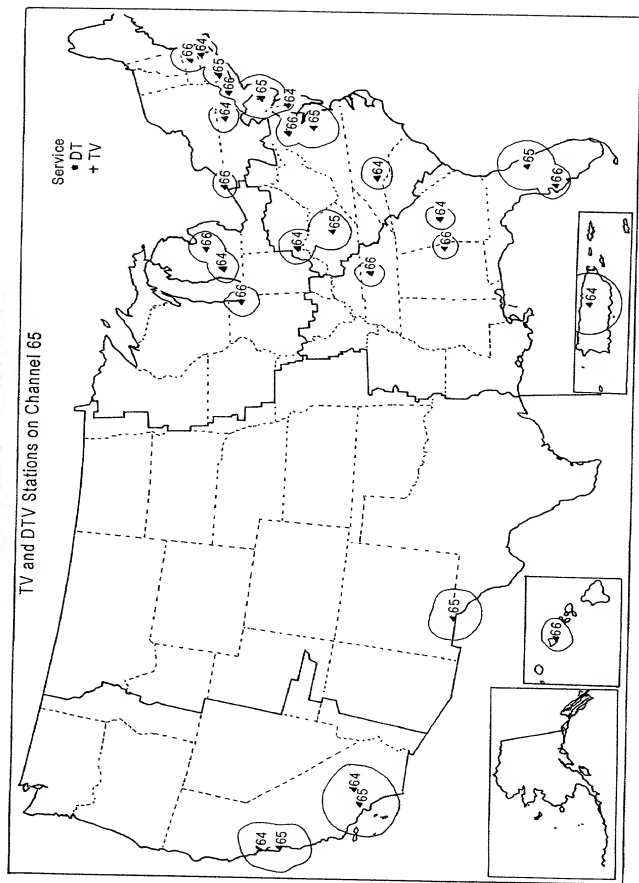


FIG. 2G

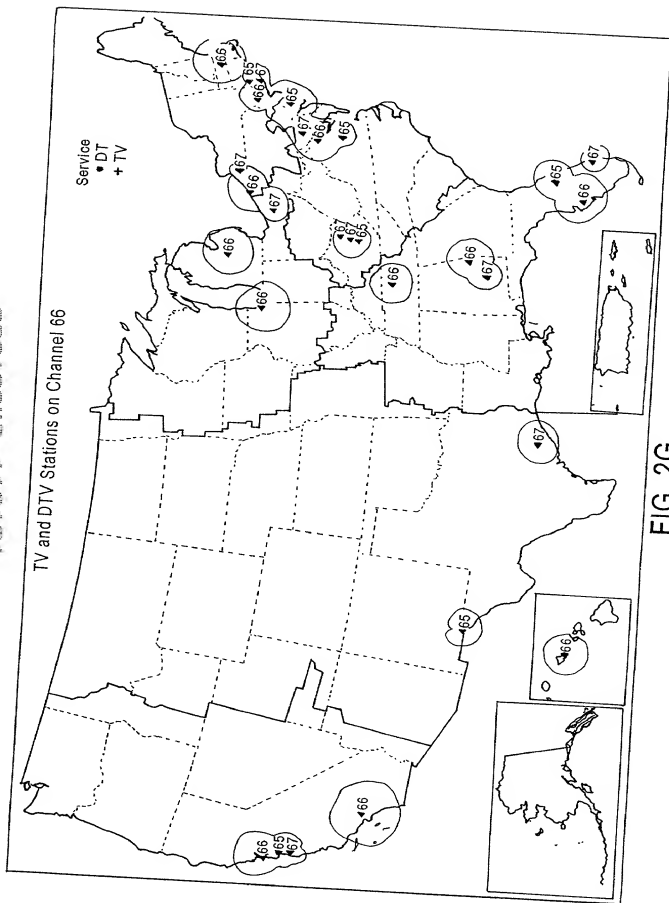


FIG. 2G



### TV and DTV Stations on Channel 67



FIG. 2H

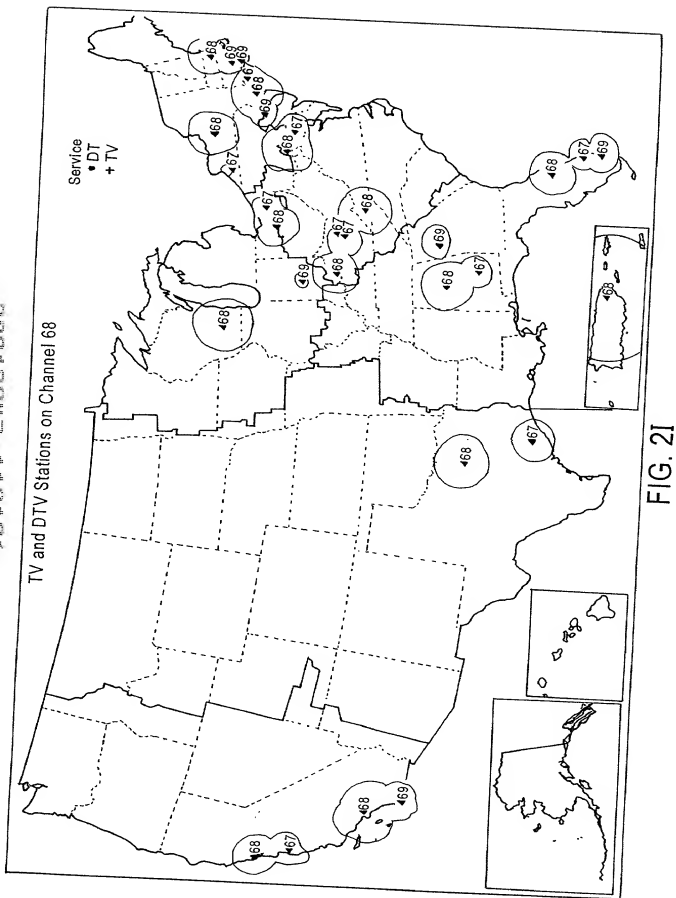




FIG. 3

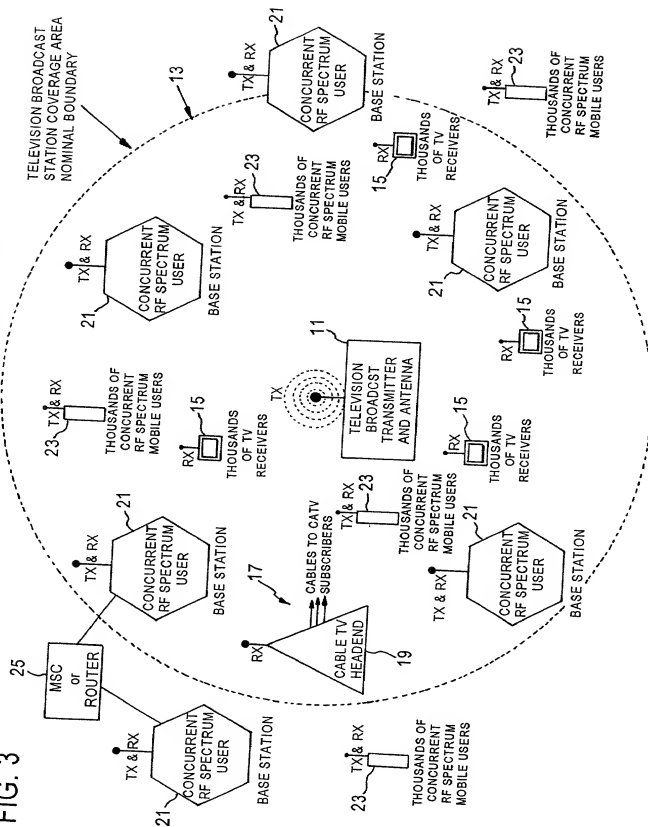
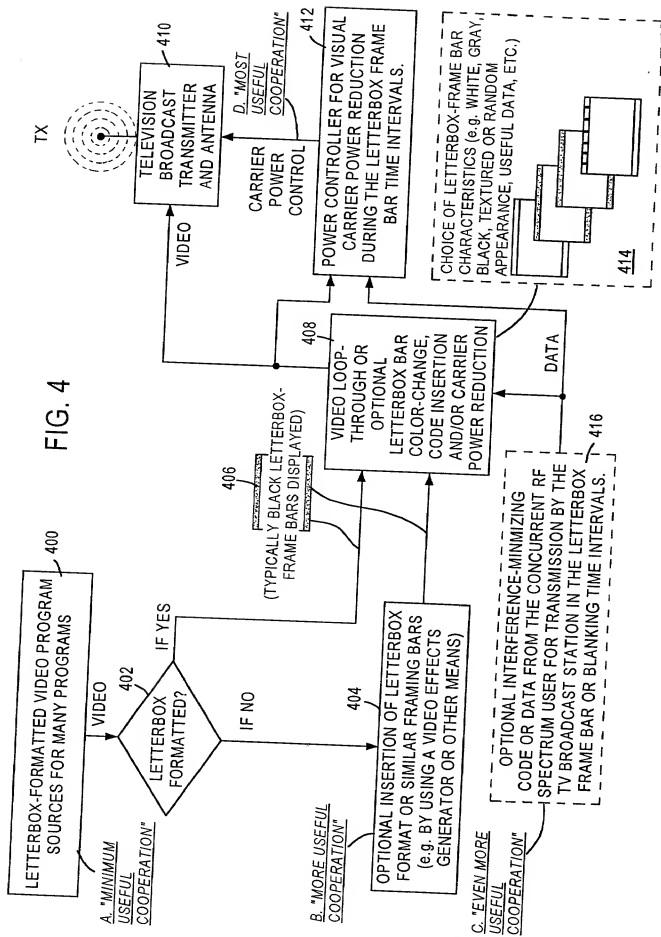


FIG. 4



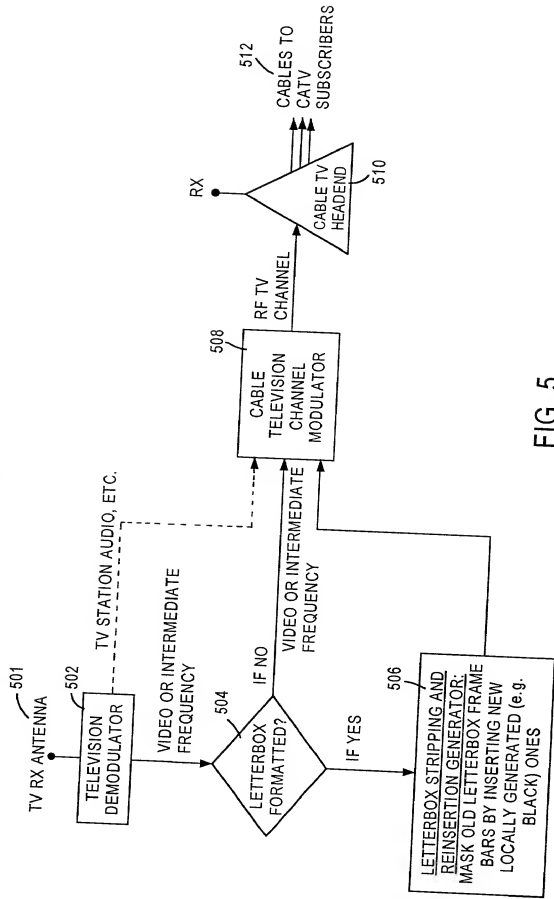
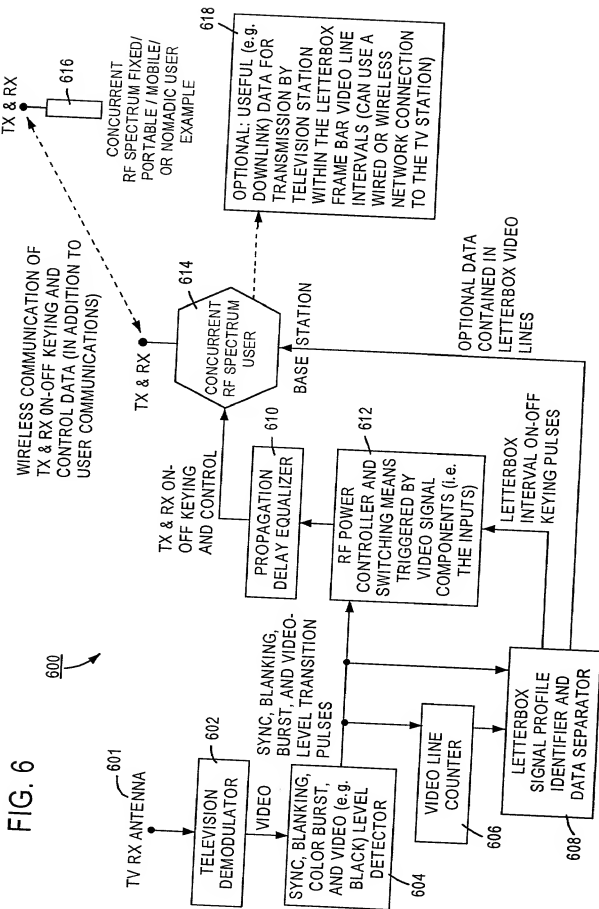


FIG. 5



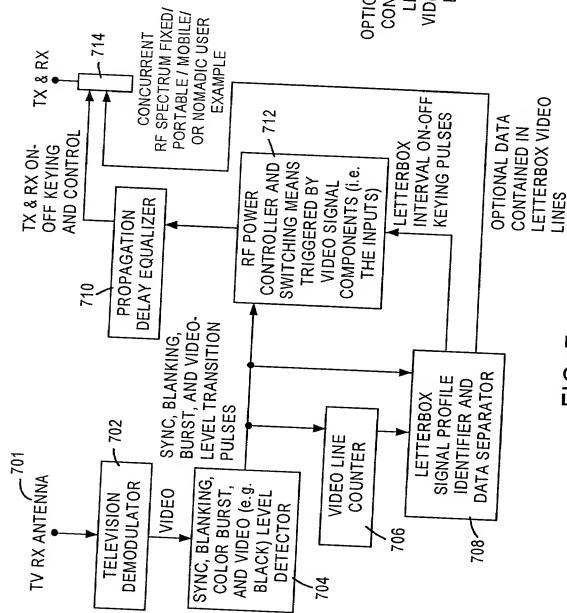


FIG. 7

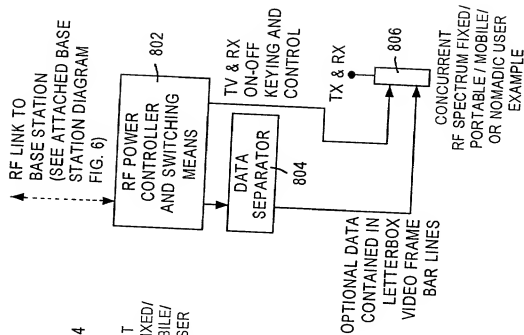


FIG. 8



EXAMPLE #1:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC  
DISPLAY AREA = FULL SCREEN  
LETTERBOX FRAME AREA = NONE.

FIG. 9A

BLACK	EXAMPLE #2:  SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: BLACK (NEAR MAXIMUM TELEVISION MODULATION POWER).	BLACK
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BLACK

FIG. 9B

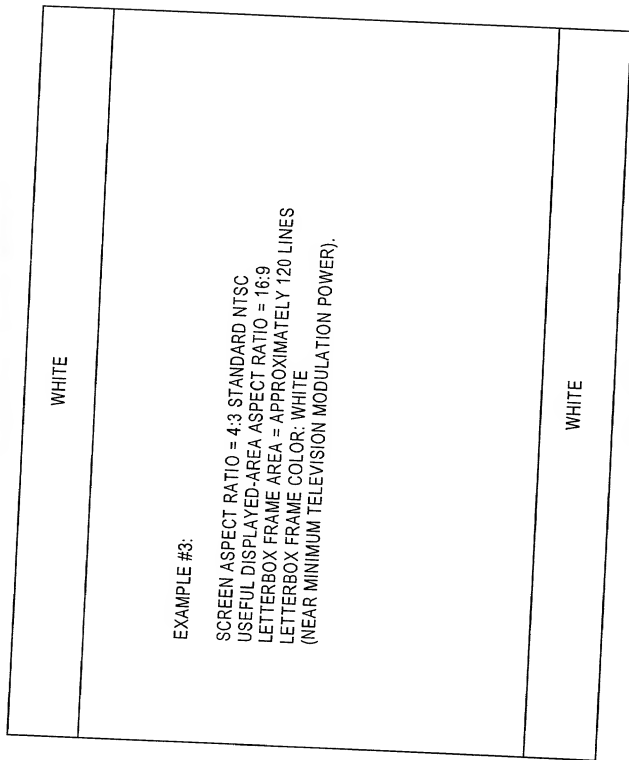


FIG. 9C

50% GRAYSCALE	<p>EXAMPLE #4:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: 50% GRAYSCALE (APPROXIMATELY MEDIUM TELEVISION MODULATION POWER).</p>	50% GRAYSCALE
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50% GRAYSCALE	<p>EXAMPLE #4:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: 50% GRAYSCALE (APPROXIMATELY MEDIUM TELEVISION MODULATION POWER).</p>	50% GRAYSCALE
---------------	---	---------------

50% GRAYSCALE	<p>EXAMPLE #4:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: 50% GRAYSCALE (APPROXIMATELY MEDIUM TELEVISION MODULATION POWER).</p>	50% GRAYSCALE
---------------	---	---------------

50% GRAYSCALE	<p>EXAMPLE #4:</p> <p>SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: 50% GRAYSCALE (APPROXIMATELY MEDIUM TELEVISION MODULATION POWER).</p>	50% GRAYSCALE
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FIG. 9D

TEXTURED, RANDOM OR PSEUDORANDOM	EXAMPLE #5:  SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.	TEXTURED, RANDOM OR PSEUDORANDOM
----------------------------------	---	----------------------------------

TEXTURED, RANDOM OR PSEUDORANDOM	EXAMPLE #5:  SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.	TEXTURED, RANDOM OR PSEUDORANDOM
----------------------------------	---	----------------------------------

TEXTURED, RANDOM OR PSEUDORANDOM	EXAMPLE #5:  SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.	TEXTURED, RANDOM OR PSEUDORANDOM
----------------------------------	---	----------------------------------

TEXTURED, RANDOM OR PSEUDORANDOM	EXAMPLE #5:  SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.	TEXTURED, RANDOM OR PSEUDORANDOM
----------------------------------	---	----------------------------------

TEXTURED, RANDOM OR PSEUDORANDOM	EXAMPLE #5:  SCREEN ASPECT RATIO = 4:3 STANDARD NTSC USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9 LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES LETTERBOX FRAME COLOR: TEXTURED, RANDOM OR PSEUDORANDOM.	TEXTURED, RANDOM OR PSEUDORANDOM
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ACTUAL DATA OR DOTTING SEQUENCE

EXAMPLE #6:

SCREEN ASPECT RATIO = 4:3 STANDARD NTSC  
USEFUL DISPLAYED-AREA ASPECT RATIO = 16:9  
LETTERBOX FRAME AREA = APPROXIMATELY 120 LINES  
LETTERBOX FRAME COLOR: ACTUAL DATA OR DOTTING SEQUENCE.

ACTUAL DATA OR DOTTING SEQUENCE

FIG. 9F

<u>1010</u>	<u>1012</u>	<u>1014</u>	<u>1008</u>	<u>1002</u>
Defined Relative Levels	RF Carrier Power (%)	IRE Scale	Sources (Volts DC)	
Power Reduction #2	0	120	1.1429	●
Power Reduction #1	6.25	110	1.0714	●
Reference White	12.5	100	1.0000	●
		90	0.9286	●
	(Grayscale	80	0.8571	●
	and Carrier	70	0.7857	●
	Power may	60	0.7143	●
	not be	50	0.6429	●
Grayscale	linear	40	0.5714	●
	functions)	30	0.5000	●
		20	0.4286	●
		10	0.3571	●
Black	67.5	7.5	0.3393	●
Blanking	75	0	0.2857	●
		-10	0.2143	●
		-20	0.1429	●
		-30	0.0714	●
Sync Pulse Tip	100	-40	0	●

1004

S1

1006

S2

FIG. 10

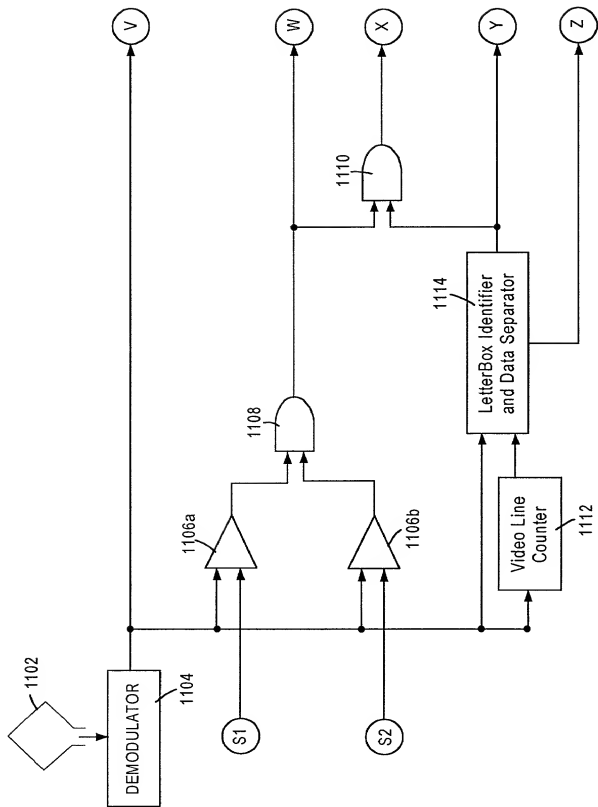
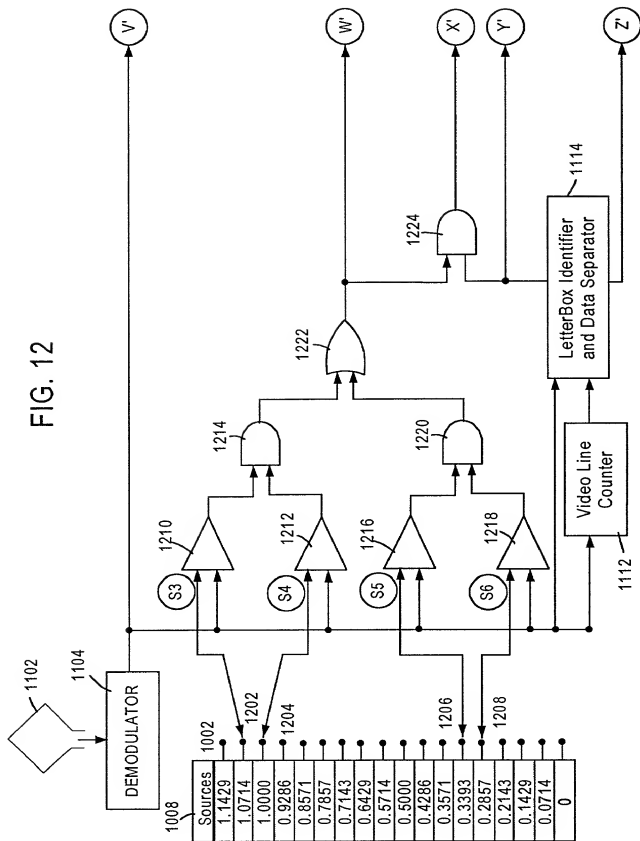


FIG. 11



FIG. 12



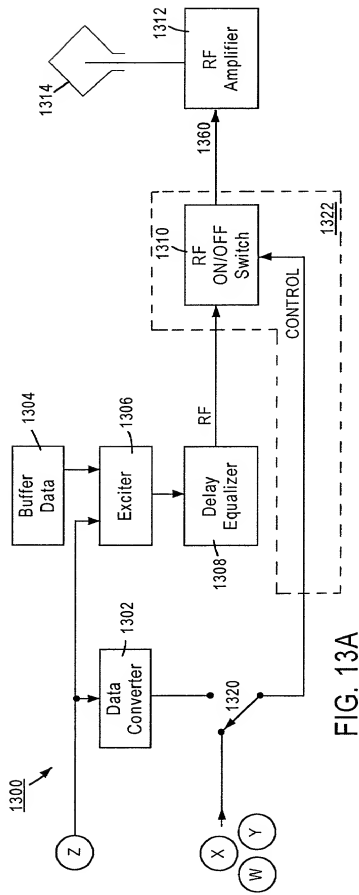


FIG. 13A

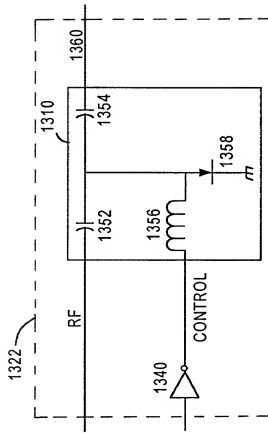


FIG. 13B

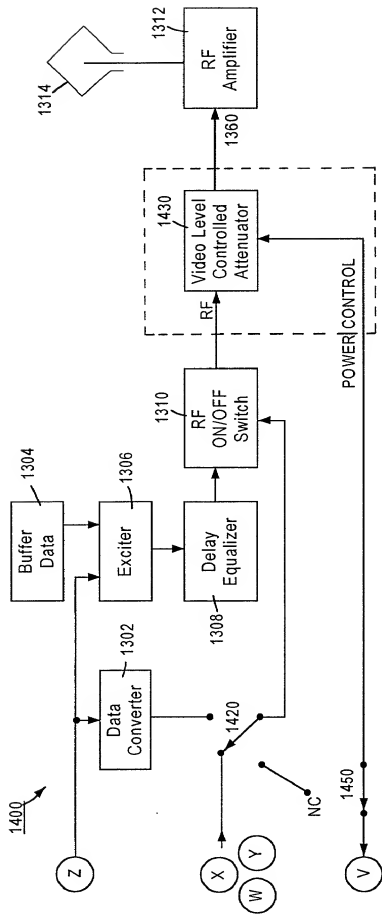


FIG. 14A

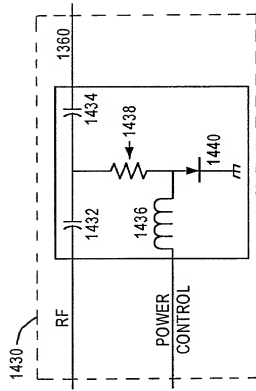


FIG. 14B

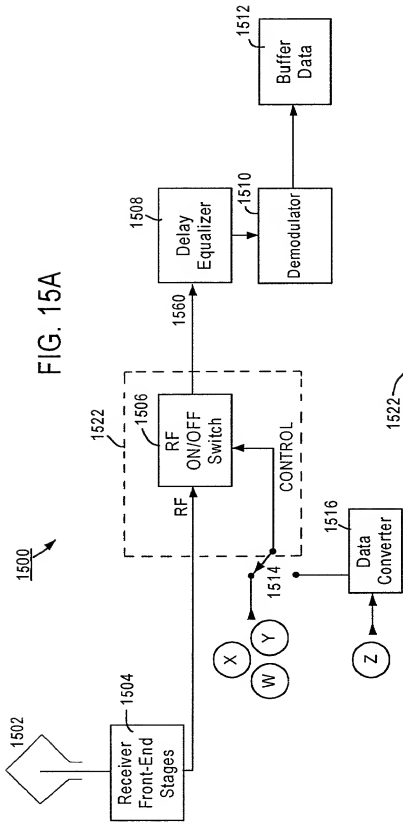


FIG. 15A

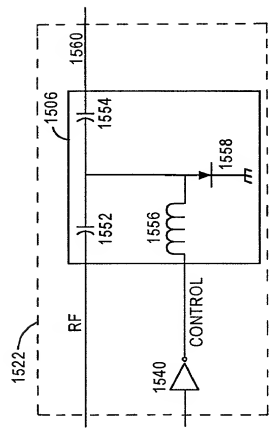
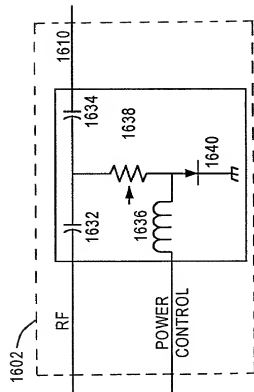
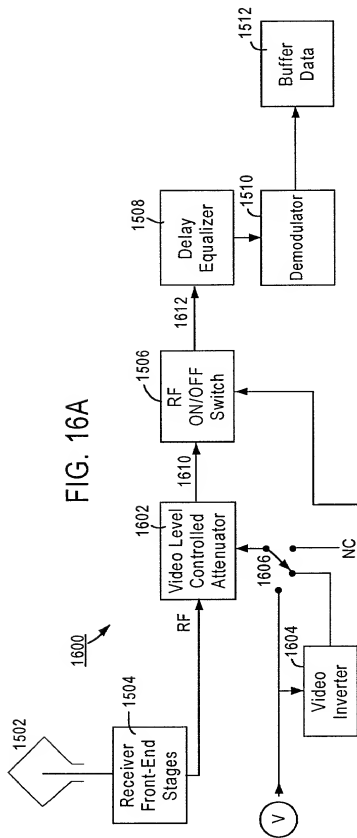


FIG. 15B



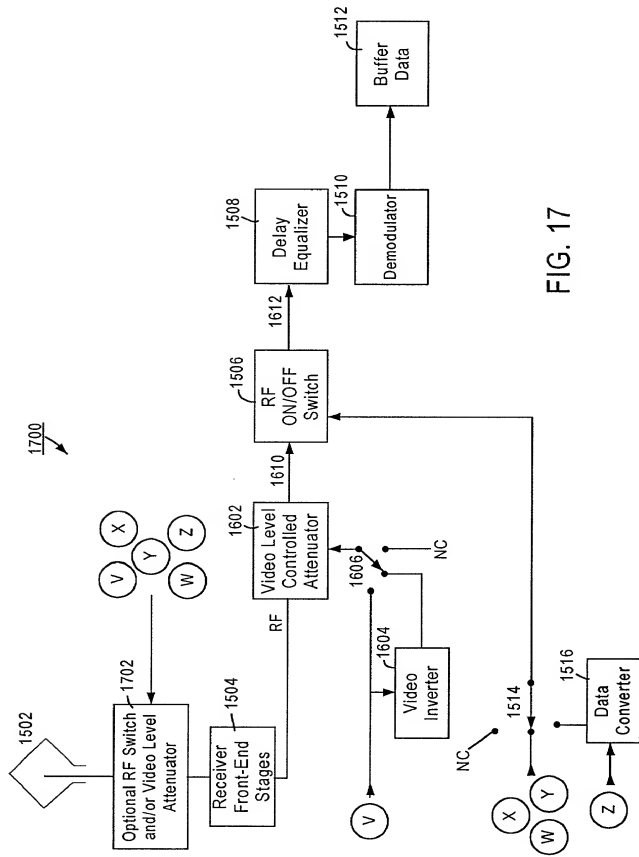


FIG. 17